

JC520  
U.S.  
PTO  
10/18/99

Please type a plus sign (+) inside this box [+]

PTO/SB/05 (12/97)

Approved for use through 09/30/00. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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## UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 80398.P282

Total Pages 2

First Named Inventor or Application Identifier Franz, et al.

Express Mail Label No. EL234218299US

JC503 U.S. PTO  
09/420509  
10/18/99

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, D. C. 20231

### APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form  
(Submit an original, and a duplicate for fee processing)
2.  Specification (Total Pages 40)  
(preferred arrangement set forth below)
  - Descriptive Title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to Microfiche Appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claims
  - Abstract of the Disclosure
3.  Drawings(s) (35 USC 113) (Total Sheets 7)
4.  Oath or Declaration (Total Pages 5)
  - a.  Newly Executed (Original or Copy)
  - b.  Copy from a Prior Application (37 CFR 1.63(d))  
(for Continuation/Divisional with Box 17 completed) (Note Box 5 below)
  - i.  DELETIONS OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
5.  Incorporation By Reference (useable if Box 4b is checked)  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6.  Microfiche Computer Program (Appendix)

7.  Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)  
a.  Computer Readable Copy  
b.  Paper Copy (identical to computer copy)  
c.  Statement verifying identity of above copies

#### ACCOMPANYING APPLICATION PARTS

8.  Assignment Papers (cover sheet & documents(s))  
9.  a. 37 CFR 3.73(b) Statement (where there is an assignee)  
 b. Power of Attorney  
10.  English Translation Document (if applicable)  
11.  a. Information Disclosure Statement (IDS)/PTO-1449  
 b. Copies of IDS Citations  
12.  Preliminary Amendment  
13.  Return Receipt Postcard (MPEP 503) (Should be specifically itemized)  
14.  a. Small Entity Statement(s)  
 b. Statement filed in prior application, Status still proper and desired  
15.  Certified Copy of Priority Document(s) (if foreign priority is claimed)  
16.  Other: \_\_\_\_\_

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:  
 Continuation       Divisional       Continuation-in-part (CIP)  
of prior application No: \_\_\_\_\_

18. Correspondence Address

Customer Number or Bar Code Label \_\_\_\_\_  
(Insert Customer No. or Attach Bar Code Label here)  
or  
 Correspondence Address Below

NAME Ronald C. Card, Reg. 44,687 *Ronald C. Card 10/18/89*  
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**FEE TRANSMITTAL FOR FY 1999**TOTAL AMOUNT OF PAYMENT (\$) 2492.00

## Complete if Known:

Application No. \*\*\*\*

Filing Date 10/18/99First Named Inventor Franz, et al.Group Art Unit Not yet assignedExaminer Name Not yet assignedAttorney Docket No. 80398.P2821C503 U S PTO  
09/420509  
10/18/99**METHOD OF PAYMENT** (check one)

1.  The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 02-2666

Deposit Account Name \_\_\_\_\_

- Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

2.  Payment Enclosed:

 Check Money Order Other**FEE CALCULATION****1. BASIC FILING FEE**

<u>Large Entity</u>	<u>Small Entity</u>	<u>Fee Description</u>	<u>Fee Paid</u>
Fee	Fee	Fee	Fee
Code	(\\$)	Code	(\\$)
101	760	201	380
106	310	206	155
107	480	207	240
108	760	208	380
114	150	214	75
		Utility application filing fee	<u>760.00</u>
		Design application filing fee	_____
		Plant filing fee	_____
		Reissue filing fee	_____
		Provisional application filing fee	_____
<b>SUBTOTAL (1) \$ 760.00</b>			

**2. EXTRA CLAIM FEES**

	<u>Extra Claims</u>	<u>Fee from below</u>	<u>Fee Paid</u>
Total Claims <u>88</u>	<u>- 20** = 68</u>	<u>X 18.00</u>	<u>= 1224.00</u>
Independent Claims <u>9</u>	<u>- 3** = 6</u>	<u>X 78.00</u>	<u>= 468.00</u>
Multiple Dependent			<u>=</u>

\*\*Or number previously paid, if greater; For Reissues, see below.

<u>Large Entity</u>	<u>Small Entity</u>	<u>Fee Description</u>	<u>Fee Paid</u>
Fee	Fee	Fee	Fee
Code	(\\$)	Code	(\\$)
103	18	203	9
102	78	202	39
104	260	204	130
109	78	209	39
110	18	210	9
		Claims in excess of 20	
		Independent claims in excess of 3	
		Multiple dependent claim, if not paid	
		**Reissue independent claims over original patent	
		**Reissue claims in excess of 20 and over original patent	
<b>SUBTOTAL (2) \$ 1692.00</b>			

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

06/08/99

- 1 -

PTO/SB/17 (12-98)

Patent fees are subject to annual revisions. Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid.

See Forms PTO/SB/09-12

<u>Large Entity</u>	<u>Small Entity</u>	<u>Fee Description</u>	<u>Fee Paid</u>
Fee Code	Fee (\$)	Fee Code	Fee (\$)
105	130	205	65
127	50	227	25
			Surcharge - late filing fee or oath
			Surcharge - late provisional filing fee or cover sheet
139	130	139	130
147	2,520	147	2,520
112	920*	112	920*
			Non-English specification
			For filing a request for reexamination
			Requesting publication of SIR prior to Examiner action
113	1,840*	113	1,840*
			Requesting publication of SIR after Examiner action
115	110	215	55
116	380	216	190
117	870	217	435
118	1,360	218	680
128	1,850	228	925
			Extension for response within first month
			Extension for response within second month
			Extension for response within third month
			Extension for response within fourth month
			Extension for response within fifth month
119	300	219	150
120	300	220	150
121	260	221	130
138	1,510	138	1,510
140	110	240	55
			Notice of Appeal
			Filing a brief in support of an appeal
			Request for oral hearing
			Petition to institute a public use proceeding
			Petition to revive unavoidably abandoned application
141	1,210	241	605
			Petition to revive unintentionally abandoned application
142	1,210	242	605
143	430	243	215
144	580	244	290
122	130	122	130
123	50	123	50
126	240	126	240
581	40	581	40
			Petitions to the Commissioner
			Petitions related to provisional applications
			Submission of Information Disclosure Stmt
			Recording each patent assignment per property (times number of properties)
146	760	246	380
			For filing a submission after final rejection (see 37 CFR 1.129(a))
149	760	249	380
			For each additional invention to be examined (see 37 CFR 1.129(a))
Other fee (specify)			
Other fee (specify)			
<b>SUBTOTAL (3) \$ 40.00</b>			

\*Reduced by Basic Filing Fee Paid

**SUBMITTED BY:**

Typed or Printed Name: Ronald C. Card

Signature Ronald C. Card Date Oct. 18, 1999

Reg. Number 44-687 44,587 Deposit Account User ID 02-2666

"Express Mail" mailing label number:EL234218299US

Date of Deposit: October 18, 1999

I hereby certify that I am causing this paper or fee to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and that this paper or fee has been addressed to the Assistant Commissioner for Patents, Washington, D. C. 20231

Cheri Clinkenbeard

(Typed or printed name of person mailing paper or fee)

10/18/99  
(Signature of person mailing paper or fee)

(Date signed)